

R E M A R K S

Claim Amendment

A minor editorial revision was made to claim 8.

Claim 10

Claim 10 was discussed on pages 14 to 20 of the AMENDMENT UNDER 37 CFR 1.111 filed March 27, 2009.

Applicants have provided the following additional comments concerning claim 10.

Regarding the DI recited in claim 10, applicants adopted the diametral pitch (P) instead of the module (M) because module M is less common in the United States. Therefore, P ( $P=z/d$ ) was substituted for M ( $M=d/z$ ), which are reciprocals of each other. Further, it was needed to convert the unit of measure from "mm" to "inches," because the module M is in mms and the diametral pitch P is in inches. As a result of these substitutions and conversions,  $DI \leq 0.12 \times M + 0.2$  became  $DI \leq 0.2 \times 1/2.54 P + 0.2$ . It is noted that 1 inch equals 25.4 mm. Support for the formula  $DI \leq 0.2 \times 1/2.54 P + 0.2$  is derived from the original formulation in the specification, and it is well-known to one of ordinary skill in the art.

CORRECTION TO THE REMARKS IN THE  
AMENDMENT UNDER 37 CFR 1.111 FILED MARCH 27, 2009

On page 18, line 10 of the AMENDMENT UNDER 37 CFR 1.111  
filed March 27, 2009, "20 wt%" should have read as --10 wt%--.  
Thus, page 18, lines 9 to 12 should read as follows:

"(ii) The Cr concentration in the  
cementite is adjusted to 2.5 to 10 wt%, and  
by rapid heating (induction heating), the  
ferrite is transformed into austenite with  
the cementite being partially solid-  
dissolved...."

Entry of the above amendment is respectfully requested.

Reconsideration is requested. Allowance is solicited.

An INFORMATION DISCLOSURE STATEMENT is being filed  
concomitantly herewith.

If the Examiner has any comments, questions, objections or  
recommendations, the Examiner is invited to telephone the  
undersigned at the telephone number given below for prompt  
action.

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Enc.: INFORMATION DISCLOSURE STATEMENT

Respectfully submitted,



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